

AC EV Charger

ORAC-22-WL-81

Features:

- Support OCPP1.6J version
- Main components are CE certified.
- Support dynamic load balancing function.
- 5 inch LCD touch-screen.
- Support RFID and POS machine payment (optional).
- Easy to install, can be installed anywhere.



Specifications

Model	ORAC-22-WL-81
Output Rating&Current	Single Phase:7kW/32A Three Phase : 11kW/16A;22kW/32A
Input Rating&Current	Single Phase:7kW/32A Three Phase : 11kW/16A;22kW/32A
Input Voltage	400VAC±10%
Output Voltage	400VAC±10%
Stand-by Power	<2W
Charging Outlets	Single Outlet(IEC 62196 Type2), Bottom Inlet Wiring, Bottom Outlet Wiring
Protection	Over/under voltage protection, Overload Protection, Current Leakage Protection, Lightning Surge Protection,Over Temperature Protection,Communication Interference Interruption Protection and Reset, Destruction Alarm
Earth Leakage Protection	Type B
Special Protection	Anti-UV protection
Measuring Accuracy	Class 0.5
User Interface	
Connectivity	Mandatory: Ethernet; Optional: WIFI /4G/ PoS
User Authentication	APP or RFID Card
User Interface	5inch LCD Touch Screen/Emergency Stop Button/LED Indicator
Platform Protocol	OCPP1.6J
Software Update	OCPP
General Characteristics	
IP&IK	IP55/IK10
Operating Altitude	<2000m
Operating Temperature	-30°C~+55°C
Working Humidity	5%~95% Without Condensation
Cooling	Forced-air Cooling
Mounting	Wall Mounted
Dimensions	300*470*185mm
Weight	≤16kg
Cable Length	≥5m
Shell Material	PC+Glass
Certification and Standards	
Charging Standard	IEC61851-1;IEC61851-21-2

specifications are subject to change without further notice

Communication Specifications

Wi-Fi	
Module	Espressif ESP32
Operating Frequency Range	2400-2483.5MHz
Operating Frequency /Channels / Protocol	2.4GHz Wi-Fi:2412-2472MHz, 13CHs, 802.11b/g/n20, 2422-2462MHz, 9CHs, 802.11n40
Channel Spacing	20MHz, 40MHz
Modulation	DSSS (DBPSK, DQPSK, CCK),OFDM (BPSK, QPSK, 16QAM, 64QAM)
Antenna Number	1
Antenna Type	PIFA antenna
Antenna Gain	3.4dBi.
EIRP TX power	19.92dBm
Transmitting Duty Cycle (%)	Nearly 100%
FCC ID	2AC7Z-ESP32WROVERE
CE certificate	EN 300-328
RFID	
Module	Mingte Mifare
Operating Frequency	13.56 MHz
Modulation	ASK
Channel Number	1 channel
Antenna Type	loop antenna
H-Field transmit power	-34.65 dB μ A/m @10m
CE certificate	EN 300-330
LTE (Optional)	
Module	Quectel EG25
LTE Bands	FDD B1, B3, B5, B8
Antenna Type	external 4dBi
FCC ID	2ATM8EG25G
CE certificate	EN 301-908